

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd _____*cp.*
*App. rescinded 7.16.85*DATE FILED 4-20-84

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-11157

INDIAN

DRILLING APPROVED 4-25-84 GAS

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 7133' G.P.DATE ABANDONED: LA 7.16.85FIELD: WILDCAT 3/86UNIT: DRY BURNCOUNTY: UINTAHWELL NO. FEDERAL 13-31-13-26API NO 43-047-31465LOCATION 396.6' FNL FT. FROM (N) (S) LINE.401.4' FEL

FT. FROM (E) (W) LINE.

NENE1/4 - 1/4 SEC.31

LOT 2

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
13S	26E	31	COSEKA RESOURCES USA				



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE

170 South 500 East

Vernal, Utah 84078

IN REPLY

REFER TO:

3100

U-810

March 13, 1984

APPLICATION FOR PERMIT TO DRILL (APD)

Operator: Coseka Resources (U.S.A.) Limited
Well No. 13-31-13-26
Section 31, T13S, R26E
Lease No. U-11157

The Vernal District Petroleum Engineers have reviewed the above referenced application for technical adequacy and concur with the downhole portion of the application providing the following stipulation(s) are made a part of the approval:

1. Prior to drilling out of the surface casing shoe, the Double Ram BOP will be pressure tested to 1700 #/in² and the Hydril Bag-Type BOP will be tested to 1500 #/in². The entire stack assembly will follow API RP 53 standards.
2. Prior to running the surface and production casing strings, notify the BLM Vernal District Office, Branch of Fluid Minerals during working hours to enable a BLM representative to be present.



COSEKA RESOURCES (U.S.A.) LIMITED

2512 E 1/4 ROAD, P. O. BOX 399, GRAND JUNCTION, COLORADO 81502 (303) 245-6220

RECEIVED

APR 20 1984

**DIVISION OF OIL
GAS & MINING**

April 16, 1984

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Gaylyn Larson

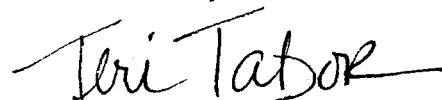
Re: Application for
Permit to Drill

Well #13-31-13-26
Lease #U-11157

Dear Gaylyn,

Enclosed is the Application for Permit to Drill for the above captioned well. If you have any questions, please give me a call. As per our telephone conversation on Friday, April 13th, could you please notify the BLM in Vernal upon approval. Your earliest consideration will be greatly appreciated.

Thank You,



Teri Tabor
Administration Assistant

TT/tt

Enclosures

Marije 789-1362

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on
reverse side)

5. Lease Designation and Serial No.

U-11157

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☐Gas
Well ☒

Other

Single
Zone ☐Multiple
Zone ☐

2. Name of Operator

Coseka Resources (U.S.A.) Limited

3. Address of Operator

P.O. Box 399, Grand Junction, CO 81502 (303) 245-6220

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

396.6' FNL, 401.4' FEL, Section 31, T13S, R26E

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office*

31.4 miles southeast of Bonanza, Utah

Section 31, T13S-R26E

12. County or Parrish 13. State

Uintah

Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

401.4' FEL

16. No. of acres in lease

619.85

17. No. of acres assigned
to this well

160 ✓

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

4,366'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7,132.7' Ungr.

22. Approx. date work will start*

April 25, 1984

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
(Optional)	13 3/8"	Conductor	40'	To surface
12 1/4"	8 5/8"	24#	500'	To surface
7 7/8"	4 1/2"	10.5#	T.D.	To surface

RECEIVED

APR 20 1984

**DIVISION OF OIL
GAS & MINING**

Attachments:

Exhibit "A" - Ten Point Compliance Program
 Exhibit "B" - B.O.P. Schematic
 Exhibit "C" - Proposed Production Layout
 Certified Survey Plat
 13 Point Surface Use Plan and Maps

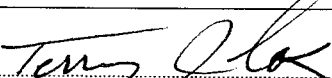
(3) Designation of Operator

B.O.P. equipment will consist of dual rams and a hydrill. All equipment will be Series 900. Good oilfield practices will be used while drilling this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed



Title Area Superintendent

Date 4-16-84

(This space for Federal or State office use)

Permit No.

Approved by

Conditions of approval, if any:

Title

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 4/16/84
 BY: [Signature]

*See Instructions On Reverse Side

BELL SURVEYING COMPANY

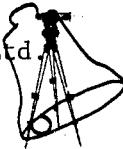
DATE: October 31, 1983

LAND SURVEYORS

NUMBER:

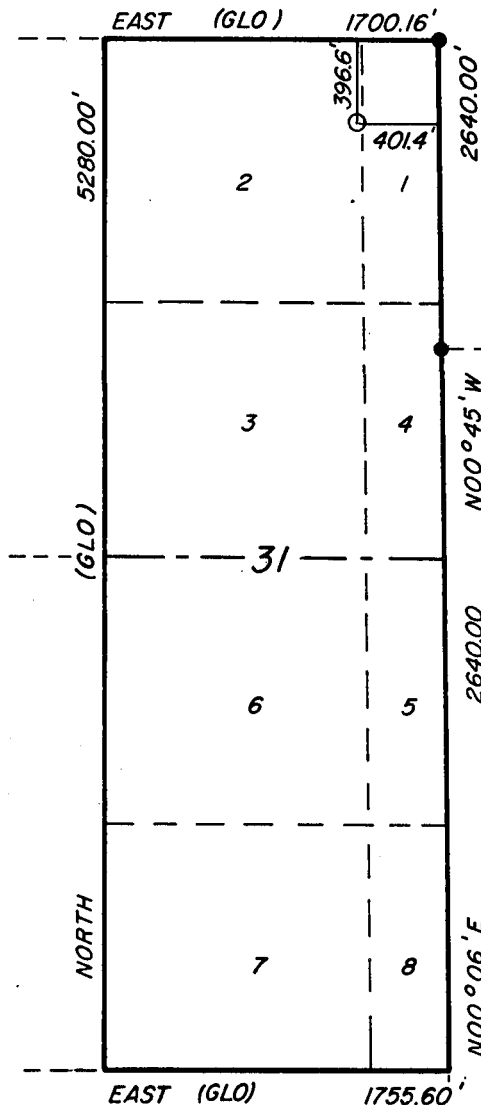
17818AG

ORDERED BY: Coseka Resources (U.S.A.) Ltd.
2512 E-1/4 Road
P. O. Box 399
Grand Junction, CO 81502



DESCRIPTION: SEC. 31 TWP. 13S RG. 26E CO. UNITAH STATE UTAH

T.13S., R.26E



**No. 13-31 COSEKA
DRILLING SITE
ELEV. G.S. 7132.7
(UNGRADED)**

0' 200' 500' 1000'
SCALE: 1" = 1000'

● FOUND G.L.O. BRASS CAP

STATE OF COLORADO

County of Rio Blanco ss.

I, T. E. Cave, of Grand Junction, Colorado, hereby certify that this map was made from notes taken during an actual survey made by me, on October 27, 1983, and that it shows correctly the location of the drilling site for No. 13-31. Coseka located in Government Lot 2 of Section 31, T.13S., R.26E., Salt Lake Base and meridian, as staked on the ground during said survey.

NOTE: Elevations established by trigonometric methods from located section corners and U.S.G.S. "Davis Canyon, Utah-Colo." topographic map.



SURVEYOR

Exhibit "A"

Ten Point Compliance Program

NTL-6

Attached to Form 9-331C

Well #13-31-13-26

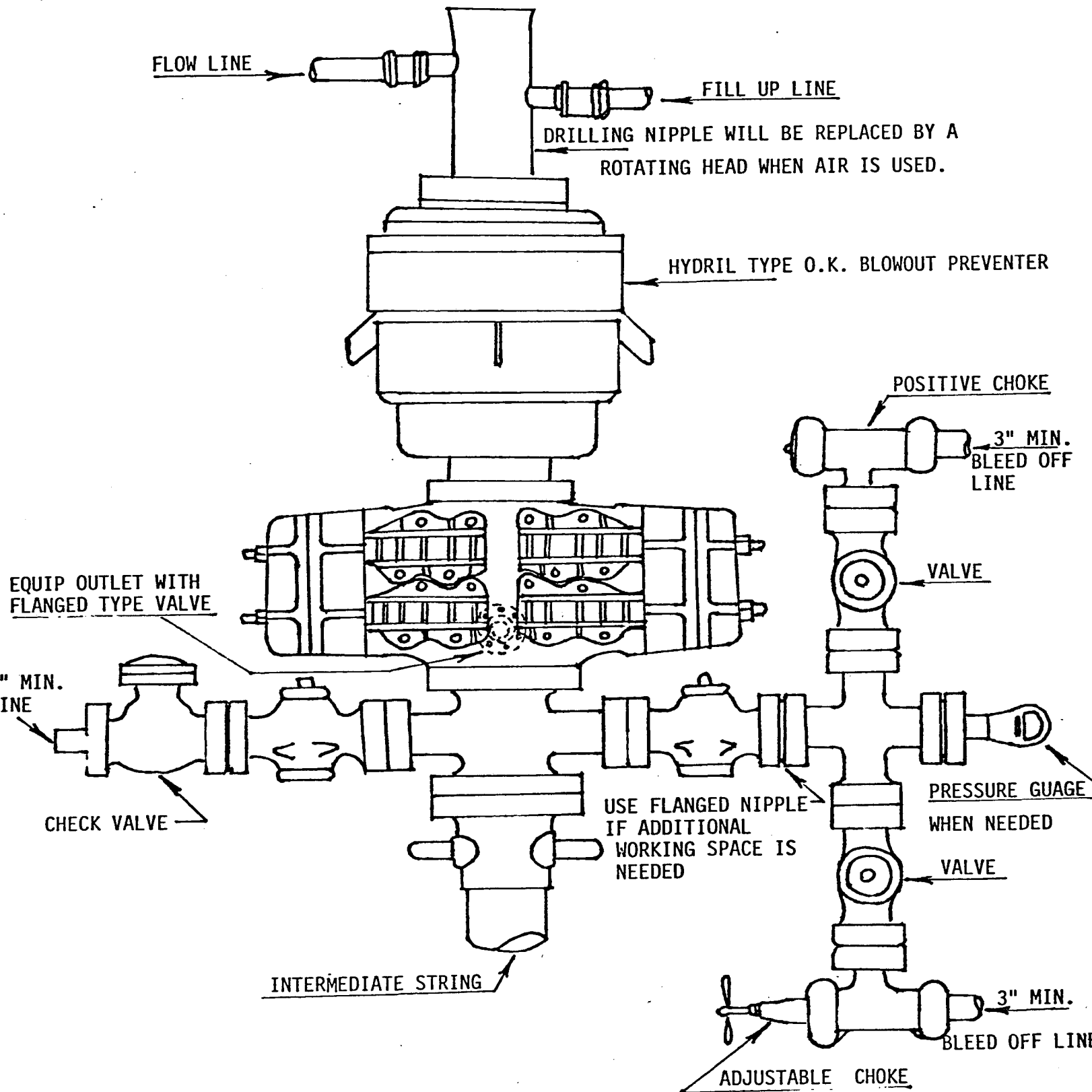
1. The geological name for the surface formation is the Wasatch Formation of Eocene Age.
2. The estimated tops of important geological markers with depths calculated from an estimated elevation of 7,132.7' Ungr. are as follows:

Wasatch	Surface
Mesa Verde	635'
Upper Sego	2,546'
Mancos Buck Tongue	2,612'
Castlegate SS	2,765'
Mancos "B"	3,891'
Base Mancos "B"	4,266'
Total Depth	4,366'

3. Of the formations listed above it is anticipated that the Mancos formation may be gas bearing in the well.
4. The proposed casing program for completion of this well will consist of 4 1/2", 10.5#, N-80 new casing; 500' of 8 5/8", 24#, H-40 surface casing will be run and will be new.
5. The operator's minimum specifications for pressure control equipment are as follows:
A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Additionally, while air drilling, a Series 900 Rotating Head will be used. Pressure tests of BOP's to 1000# will be made after installation and operation and will be checked daily. (See Exhibit "B")
6. It is proposed that the hole will be drilled to the top of the Mancos with air and mist as necessary in order to clean the hole. From the Mancos to Total Depth it is planned to drill the well with air or air mist.
7. Auxiliary equipment to be used will be a Kelly Cock and a Float at the Drill bit.

8. No coring or drill stem testing has been scheduled for this well. The logging will consist of a dual induction laterolog and a compensated neutron formation density log.
9. It is not anticipated that abnormal pressures or temperatures will be encountered nor that any other abnormal hazards such as H₂S gas will be encountered in this area.
10. It is anticipated that this well will be commenced approximately December 10, 1983 and that the operations will last three weeks.

NORMAL FORMATION PRESSURES AND TEMPERATURES ARE EXPECTED AND
BOP EQUIPMENT WILL BE 900 SERIES 3000 PSI WP.



Coseka Resources (U.S.A.) Limited

13 Point Surface Use Plan

for

Well Location

#13-31-13-26

Located in

Section 31, T13S, R26E

Uintah County, Utah

1. Existing Roads

- A. For the location of the proposed well and the existing roads, see the attached Topographic Maps "A" and "B". The proposed well is located in Lot 2, Section 31, T13S, R26E. See well plat.
- B. The proposed location is approximately 31.4 miles southeast of Bonanza, Utah. To reach Coseka Resources Well #13-31-13-26, proceed south from Bonanza on the Baxter Pass Road for 25 miles. Turn right on the Davis Canyon Road for 2.2 miles to the Beartooth well. Continue south on an existing jeep road for 2.7 miles. The flag line then forks to the right and approximately follows a staked pipeline corridor 1.5 miles to the proposed location.
- C. The proposed route is outlined on Topographic Map "A"
- D. See Topographic Map "B".
- E. Not applicable.
- F. Access to the well site will be over existing private, county and BLM roads. Private, county and BLM roads will be regularly maintained by grading, crowning and ditching at least once a year or when necessary. The proposed access road will be crowned and ditched so as to accommodate rig traffic. See Topo Map "B" for details of the existing access road.

2. Planned Access Roads

See attached Topographic Map "B".

The planned access road will be approximately 4.2 miles in length and will comply with the general specifications as outlined. The existing jeep road shall be upgraded for 2.7 miles and 1.5 miles of new road will be constructed.

- (1) The proposed access road will be an 18' crown road usable (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal weather conditions that are prevalent to this area.
- (2) The maximum grade of the proposed access road will be 10%. See Topo Map "B" for details of maximum grades and drainage crossings.
- (3) No turnouts are planned for the length of the proposed access road, so that additional cut disturbance on the proposed access can be kept to a minimum.
- (4) Drainage design of the proposed access road will avoid unnecessary disturbance of natural runoff patterns; however, because of the character of the terrain, several runoff drainages will be impacted. Drainage will be implemented so as not to cause siltation

or accumulation of debris. Depending upon soil and precipitation factors, drainage dips will be incorporated where appropriate. Where drainages are crossed, low water crossings will be utilized as outlined in BLM/USGS, Surface Operating Standards, p. 25, whenever possible. If low water crossings are deemed not feasible, culverts will be installed as outlined in Surface Operating Standards, p. 22, 23. One 24" x 40' cmp is planned at station 75+00.

- (5) Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surface and location. No other material for construction is anticipated.
- (6) If fences are encountered along the proposed access road, cattle-guards and/or gates will be installed. The cattleguards will have a loading factor large enough to facilitate the heavy trucks required in the drilling and completion of this well.
- (7) The road has been center-line flagged for the full distance of the proposed route.

3. Location of Existing Wells

See Map "C". For information purposes, the following wells are within a two mile radius of the proposed well.

- (1) Water wells - None
- (2) Abandoned wells - T13S, R26E, Section 31: Lot 7
- (3) Temporarily abandoned wells - T13S, R25E, Sec. 35: SW 1/4 NE 1/4
- (4) Disposal wells - None
- (5) Drilling wells - None
- (6) Producing wells - None
- (7) Shut-in wells - None
- (8) Injection wells - None
- (9) Monitoring wells - None

4. Location of Existing and Proposed Facilities

A. There are no existing production facilities located within one mile of the proposed well. See Topographic Map "B".

- (1) Tank batteries - None
- (2) Production facilities - None
- (3) Oil gathering lines - None

- (4) Gas gathering lines - None
- (5) There are no injection lines in the area.
- (6) There are no disposal lines in the area.

There are no known gas lines in the immediate area.

- B. Due to the exploratory nature of the Coseka Resources drilling program, we are unable to anticipate any production. However, the attached Exhibit "C" shows the proposed production facilities that will be utilized in the event commercial gas is encountered. All production facilities will be kept on the pad. The off-location gas gathering line will be proposed and plans submitted after the well is completed and tested.

Construction materials will be native borrow or cut exposed on the site, and will be consistent with accepted oil field standards and good engineering practices.

A three strand barbed wire fence will be constructed and maintained around any disposal pits during the drilling and completion phase of the well. When these pits are no longer needed and have been allowed to dry, they will be covered over with native borrow material and rehabilitated to conform with the provisions of the rehabilitation agreement of BLM standards. A welded pipe fence will be constructed around the wellhead to prevent access to livestock or larger wildlife.

- C. Rehabilitation of the pits is discussed above. The remaining pad not used for producing operations will be recontoured to conform with the natural grade and covered with topsoil stockpiled on the site. This area will be reseeded as per current BLM guidelines.

5. Location and Type of Water Supply

- A. Water to be used to drill this well will be pumped from Davis Creek in the S 1/2 Section 19, T13S, R26E or from Evacuation Creek in Colorado. Coseka Resources has negotiated a water agreement with Garth Horrocks.
- B. Water will be hauled by trucks on the above described access route. See route on Topographic Map "A". No new roads or pipelines will be needed for this purpose.
- C. No water well will be drilled.

6. Source of Construction Materials

- A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time, but if they are required, appropriate action will be taken to acquire them from private sources after notification is given to the proper regulatory agencies.

B. Items described in part "A" are from Federal lands.

C. See part "A".

D. No other access roads are required other than described in Item 2.

7. Methods for Handling Waste Disposal

See Location Layout for the size and location of the reserve pit and the location of the fine mesh wire trash cage. Excess "cut" material will be stockpiled as marked on the Location Layout Sheet. .

- (1) Drill cuttings, drilling fluids, salts, chemicals and produced fluids will be disposed of in the reserve pit on the location pad. This pit will be approximately 8 feet deep and at least one half of this pit will be used as a fresh water storage during the drilling of the well. The disposal and storage areas shall be separated by a dike. Dust produced during the air drilling phase shall be suppressed by inserting a water hose with a spray nozzle into the 7" flow line. A water mist will be continuously injected into the dust stream during the dusting phase of the drilling.
- (2) See Item 1 above for disposal of drilling fluids.
- (3) See Item 1 above for disposal of produced water. Any oil produced after the well is connected to a pipeline will be collected in a tank on location and trucked for sale to the buyer to be determined at that time. No oil production is anticipated from this well.
- (4) A portable chemical toilet will be provided for human waste during the drilling phase.
- (5) Garbage and other waste material will be contained in a trash cage and hauled away by truck to a disposal site provided by Roustabout Specialties in Grand Junction, Colorado.
- (6) Immediately after the drilling rig moves off the location, the remaining trash and garbage will be collected and hauled away by truck. The reserve pit will be fenced on the open side to protect domestic animals and wildlife. This pit will be utilized during the completion and testing phase of the well for storage of produced fluids. As soon as the testing is completed, the pit will be covered. The drilling pad will then be reclaimed as detailed in Item 10 discussed below.

8. Ancillary Facilities

No airstrips or camps are planned for this well.

9. Well Site Layout

See attached Location Layout Sheet which shows the following items:

- (1) Cross section of the pad showing details of the cuts and fills.
- (2) Location of the reserve and blooey pits, pipe racks, living facilities and topsoil stockpile and excess "cut" stockpile.
- (3) Rig orientation, parking areas and access road.
- (4) All pits will be unlined unless it is determined by the representatives of the agencies involved that the pad materials are too porous and would not prevent contamination to the surrounding area; then the pits will be lined with a bentonite gel or other materials necessary to make them impermeable.

10. Plans for Restoration of Surface

In the event of a dry hole, pits will be allowed to dry and will then be backfilled and waste pits will be backfilled. The location will be restored to as near the original contour as feasible and then reseeded.

- (1) Upon completion of the testing phase of the well and prior to the pipeline hookup, the areas not needed for access to the well and used for producing operations shall be filled and recontoured to blend with the surrounding topography and the stockpiled soil redistributed over the unused disturbed area. This activity should be completed during the Fall of 1984. After final plugging and abandonment of the well, the entire disturbed area will be contoured and topsoil spread over any previously disturbed area.
- (2) The revegetation of the drill site area and access not needed to carry on production operations will be reseeded with a seed mixture recommended by the BLM District Manager. It will be performed at a time of the year when the moisture content of the soil is adequate for germination. The Lessee agrees that all of the clean-up and restoration activities shall be done in a diligent and timely manner and in conformity with the above mentioned Items 7 and 10 (1).
- (3) All pits will be fenced prior to disposal of any waste material and the open side of the reserve pit will be fenced before removing the rig from the location. The fences will be maintained in good condition until Item (1) is started.
- (4) Any oil or condensate in any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.

- (5) Restoration activities shall begin within 90 days after the completion of the well. Once completion activities have begun, they shall be completed within 30 days. All wellhead and surface equipment will be painted to blend with the environment according to BLM recommendations.

11. Other Information

The topography of the general area is mountainous and cut with numerous canyons. The Green River shale is a weather resistant cap which has produced the flat-top nature of the area. The soils in this semi-arid area are of the Green River formation (Middle Eocene) and the Wasatch formation (Lower Eocene) consisting of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels. Out crops of sandstone ledges, conglomerate deposits and shale are common in this area. The topsoils in the area range from sandy clay (SM-ML) to clayey (OL) soil.

Vegetation in the area consists of juniper and pinon pine forests as the primary flora with areas of sagebrush, rabbit brush, some grasses and cacti. Removal of the trees and brush in the area will be required on the proposed access route and in the pad area, but will be kept to a minimum and conform to BLM regulations.

Fauna of the area consists of a migrating mule deer population, coyotes, bear, rodents, birds, and fauna connected with a high altitude environment. Access to the well is across Federal leases and private surface. Surface administration or ownership lies with the Bureau of Land Management and the Horrocks Ranch.

The majority of the washes and streams in the area are of a non-perennial nature flowing during the early spring runoff or during extremely heavy rainstorms, which are extremely rare. The normal annual rainfall in the area is 14". Live water streams within 5 miles of the well site are Davis Creek and Evacuation Creek.

There are no occupied dwellings and ranch facilities in the general area. There are no visible archaeological, historical and cultural sites within reasonable proximity of the proposed location site. However, the location itself has been cleared of cultural resources by the firm of Grand River Institute and the Cultural Resource completion report has been sent to the BLM.

12. Lessee's or Operator's Representative

Stacy Stewart, Field Services Adm.
Coseka Resources (U.S.A) Ltd.
P.O. Box 399
Grand Junction, Colorado 81502

(303) 245-6220 (Office)
(303) 241-0557 (Home)

Gary Roberts, Field Services Adm.
Coseka Resources (U.S.A.) Ltd.
P.O. Box 399
Grand Junction, Colorado 81502

(303) 245-6220 (Office)
(303) 241-5834 (Home)

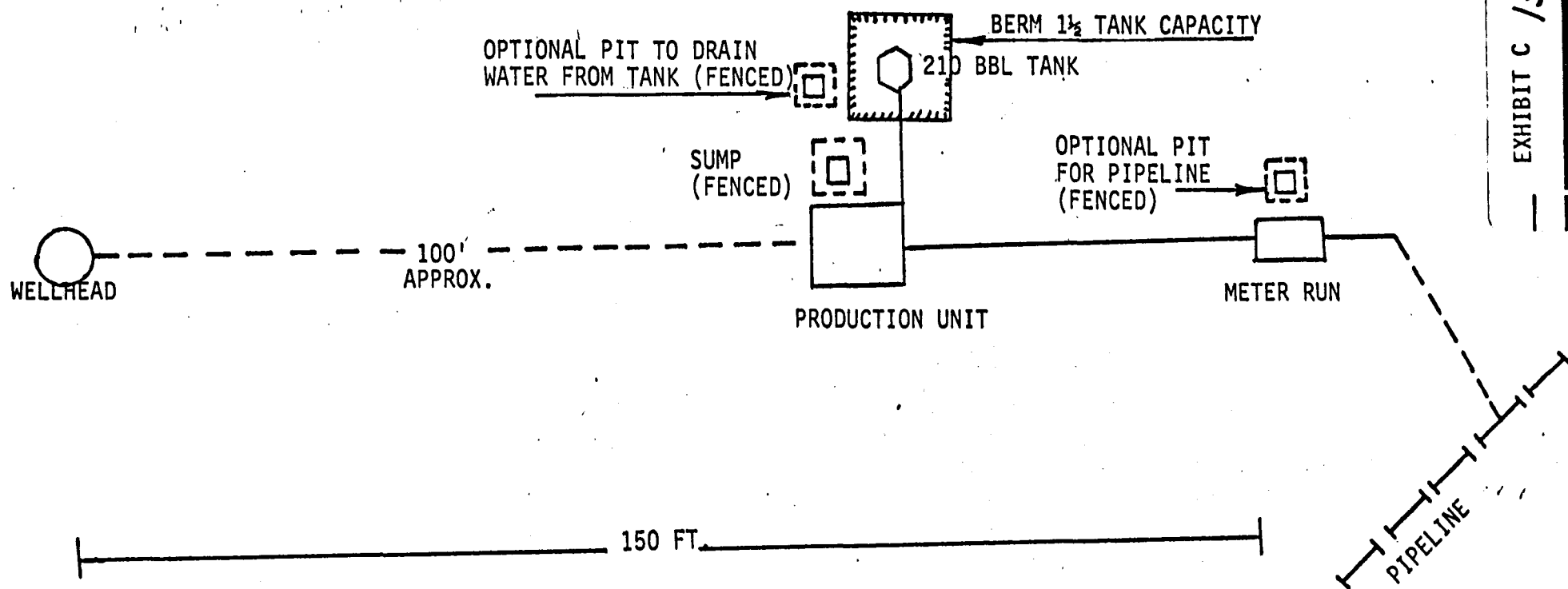
Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access routes; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Coseka Resources (U.S.A) Limited and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

NOVEMBER 1, 1983
Date

Gary Roberts

Gary Roberts, Field Services Administrator

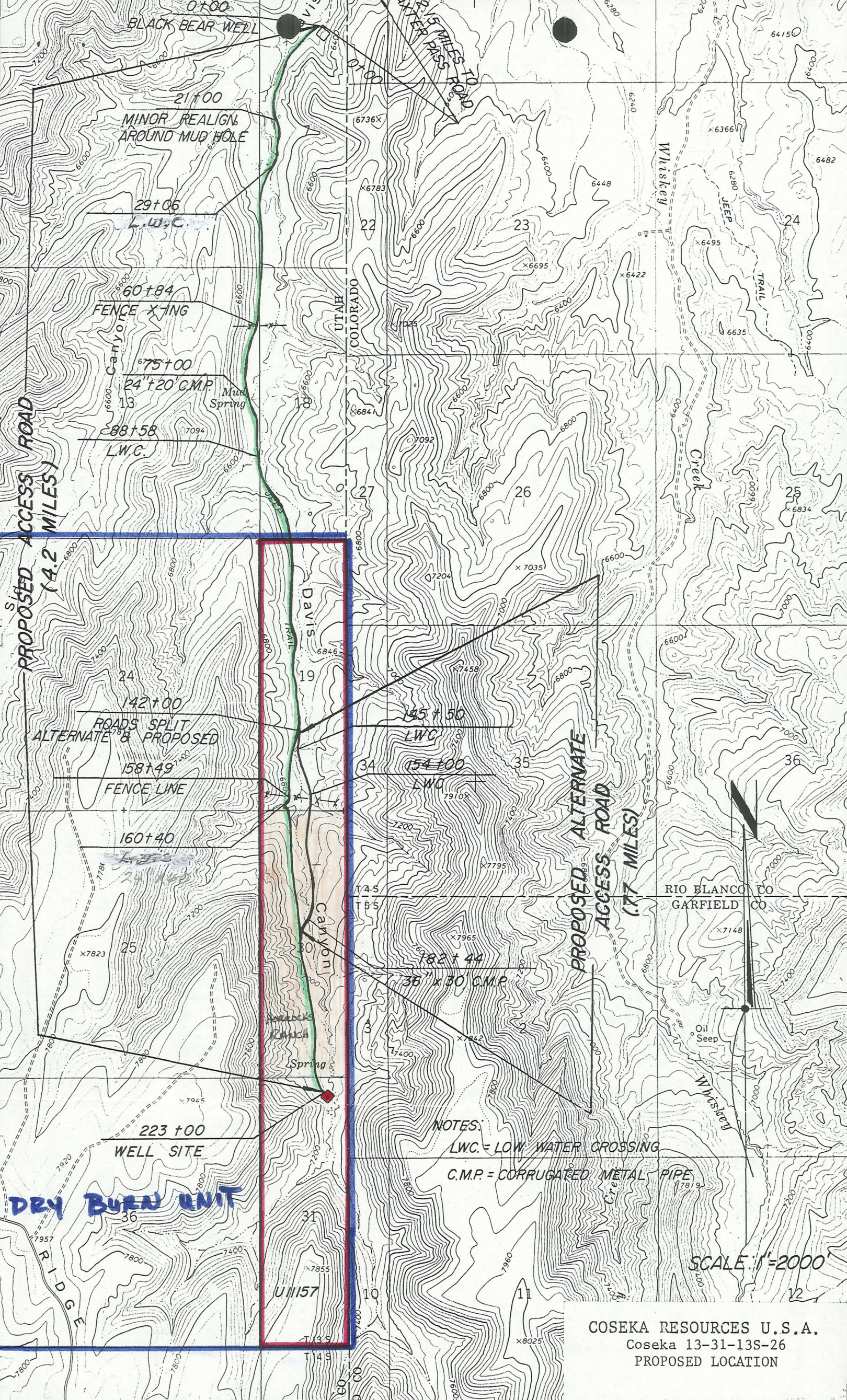


PRODUCTION LAYOUT





GENERAL LOCATION MAP
PROPOSED DRILLING SITE
No. 13-31-13S-26 Coseka
October 1983 Scale 1"=250,000'
BELL SURVEYING Grand Junction



BLACK BEAR WELL

21+00
MINOR REALIGN
AROUND MUD HOLE

29+06
L.W.C.

60+84
FENCE X'ING

75+00
24" x 20" C.M.P.

88+58
L.W.C.

PROPOSED ACCESS ROAD
(4.2 MILES)

142+00
ROADS SPLIT
ALTERNATE & PROPOSED

158+49
FENCE LINE

160+40
L.W.C.

223+00
WELL SITE

DRY BURN UNIT

Davis

Canyon

Spring

U11157

UTAH
COLORADO

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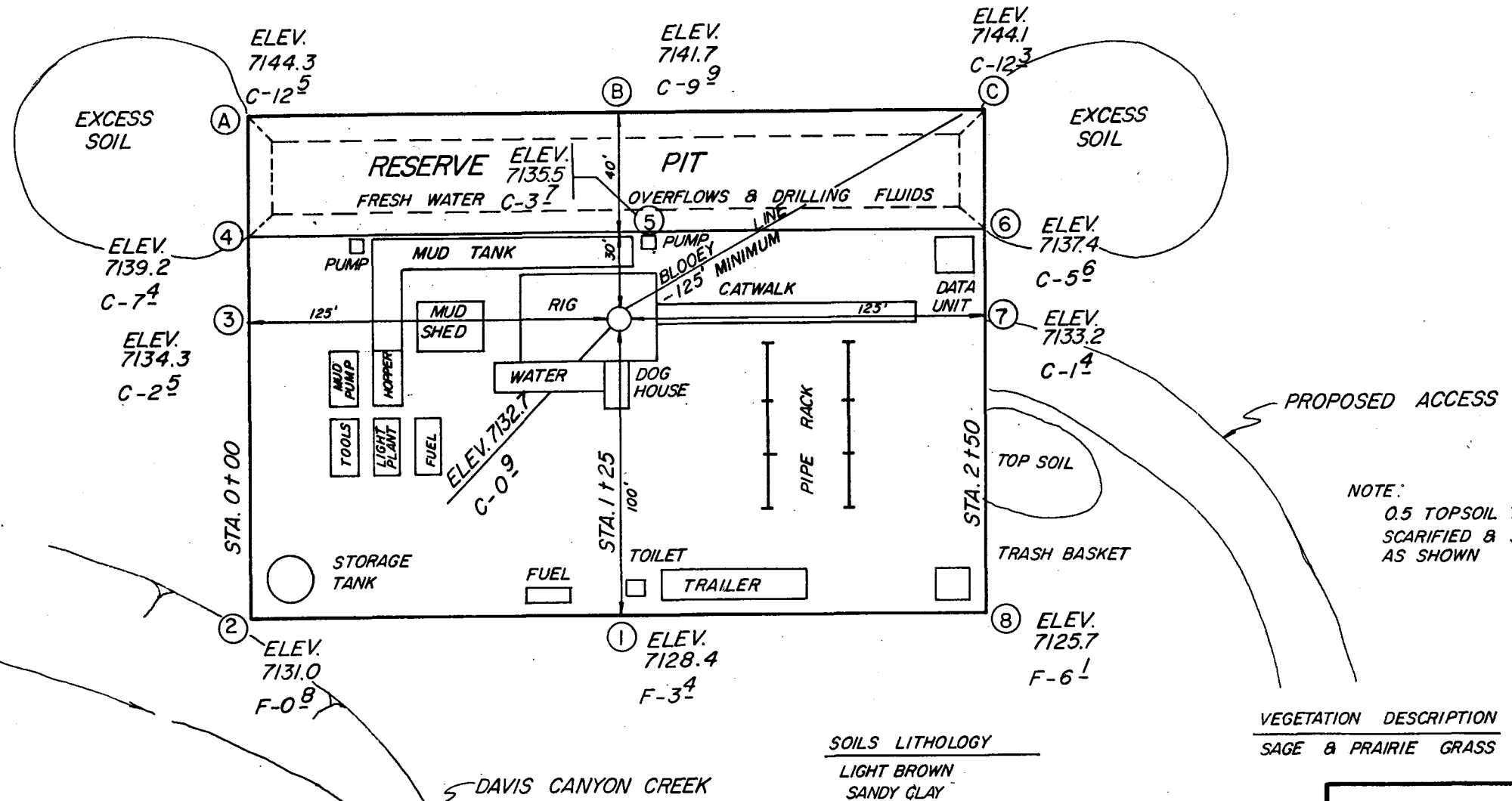
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COSEKA RESOURCES U.S.A. L.T.D

WELL SITE 13-31-13S-26E



NOTE:
0.5 TOPSOIL TO BE
SCARIFIED & STOCKPILED
AS SHOWN

VEGETATION DESCRIPTION
SAGE & PRAIRIE GRASS

SOILS LITHOLOGY
LIGHT BROWN
SANDY CLAY

SHEET 4 OF 5



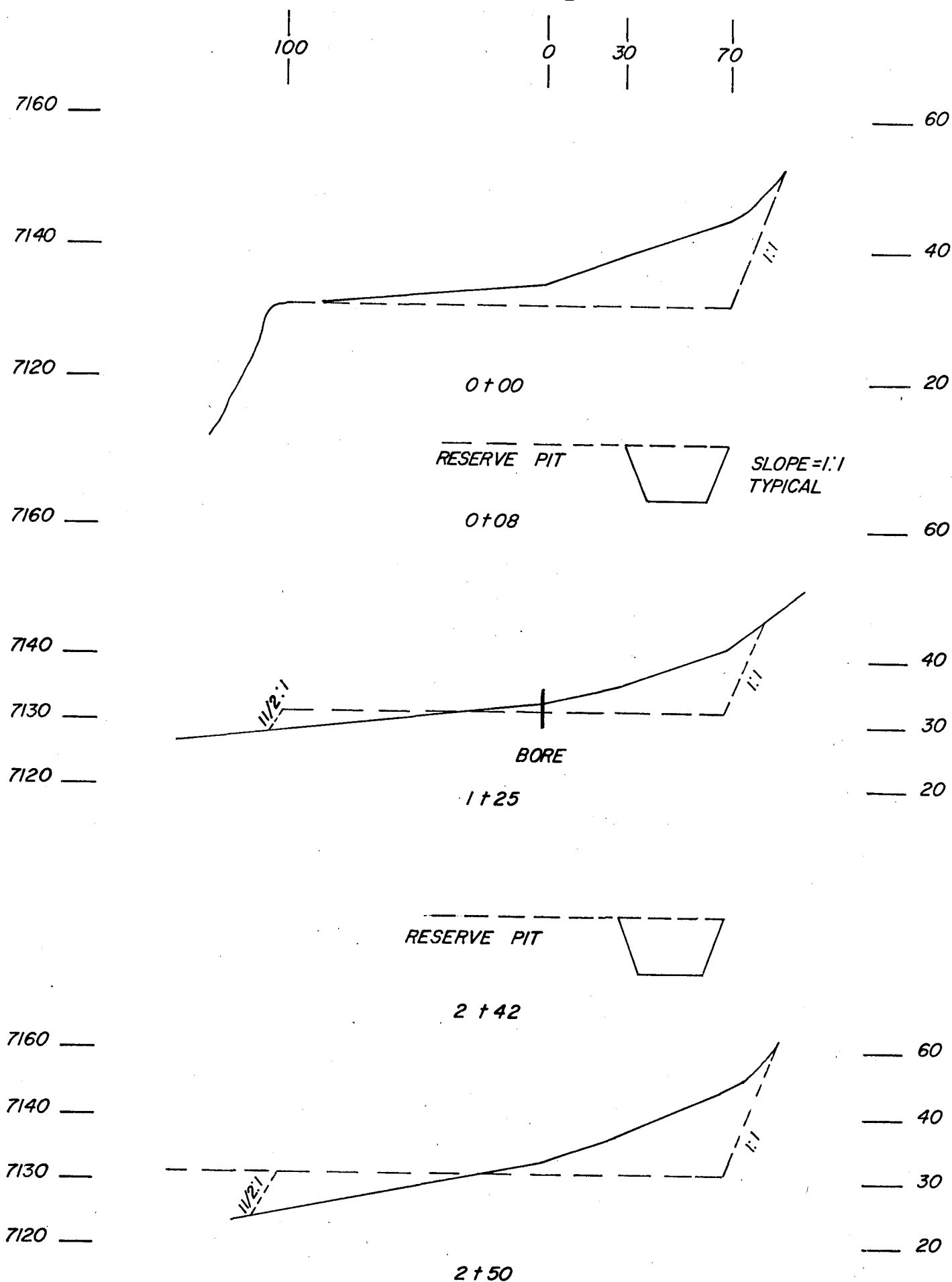
BELL
SURVEYING

500 KALAMATH ST., DENVER, COLORADO 80204 (303) 629-0165
2764 COMPASS DR. STE. 106, GRAND JUNCTION, CO. (303) 245-7357

COSEKA RESOURCES U.S.A. L.T.D.

DRILLING PAD & RESERVE PIT CROSS-SECTIONS

WELL SITE
13-31-13S-26E



PAD CUT = 4794.8 CU. YD.
FILL = 1324.3 CU. YD.
PIT CUT = 2295.0 CU. YD.

SCALE: 1" = 50' HORIZONTAL
20' VERTICAL

SHEET 5 OF 5



BELL
SURVEYING

500 KALAMATH ST. · DENVER, CO. 80204 · (303) 629-0165

2764 COMPASS DR., STE. 106 · GRAND JUNCTION, CO. · (303) 245-7357

Well #13-31-13-26

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-11157

and hereby designates

NAME: Coseka Resources (U.S.A.) Limited
ADDRESS: 1512 Larimer, 200 Writer Square
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 13 South, Range 26 East

Section 31: Lot 2
Uintah County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

~~CANADIAN NATURAL RESOURCES~~
CNR RESOURCES, INC.

BY: 

(Signature of lessee)

J. G. Langille,
Vice-President

#400, 300 5th Ave., SW
Calgary, Alberta, Canada T2P 3C4

(Address)

DEC 21/83

(Date)

Well #13-31-13-26

FILE ROOM

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: U-11157

and hereby designates

NAME: Coseka Resources (U.S.A.) Limited
ADDRESS: 1512 Larimer, 200 Writer Square
Denver, Colorado 80202

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In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Mono Power

By: 

R. J. PERRY, Vice President (Signature of lessee)

P.O. Box 800

Rosemead, California 91770

(Address)

1-4-84

(Date)

Well #13-31-13-26

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U-11157

and hereby designates

NAME: Coseka Resources (U.S.A.) Limited
ADDRESS: 1512 Larimer, 200 Writer Square
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Townshp 13 South, Range 26 East

Section 31: Lot 2
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The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Natural Gas Corporation of California

EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT
IS FILLED IN U-46500 AND SUCH
AUTHORITY IS STILL IN EFFECT.

BY: B. T. [Signature]

(Signature of lessee)

7800 E. Union Ave., Suite 800
Denver, Colorado 80237

(Address)

December 14, 1983

(Date)

OPERATOR Cosco Resource DATE 4-24-84

WELL NAME Fed, #13-31-13-26

SEC N 1/4 31 T 13S R 26E COUNTY Unitah

43-047-31465
API NUMBER

Fed
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

Unit Well
Need Water Permit
Topographic restraints -

APPROVAL LETTER:

SPACING: ☒ A-3 Dry Bore ☐ c-3-a CAUSE NO. & DATE
☐ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:

1- Water

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☐ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER _____

☒ UNIT Big Bush

☐ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

April 25, 1984

Coseka Resources USA Limited
P.O. Box 399
Grand Junction, CO 81502

RE: Well No. Federal 13-31-13-26
NONE Sec. 31, T. 13S, R. 26E
396.6' FNL, 401.4' FEL
Uintah County, Utah

Gentlemen:

Approval to drill the above referenced gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicted on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

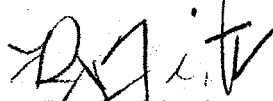
In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify R. J. Firth, Associate Director, Telephone (801) 533-5771 (Office), 571-5068 (Home).
4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

Coseka Resources USA Limited
Well No. Federal 13-31-13-26
April 25, 1984
Page 2

The API number assigned to this well is 43-047-31465.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', is written over the typed name.

R. J. Firth
Associate Director, Oil & Gas

RJF/gl

cc: Branch of Fluid Minerals

Enclosures

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APR 26 1984

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐DIVISION OF OIL
GAS & MININGPLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR

P.O. Box 399, Grand Junction, Colorado 81502 (303) 245-6220

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

396.6' FNL, 401.4' FEL, Section 31, T13S, R26E

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

31.4 miles southeast of Bonanza, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

401.4' FEL

16. NO. OF ACRES IN LEASE

619.85

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4,366'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7,132.7' Ungr.

22. APPROX. DATE WORK WILL START*

December 10, 1983

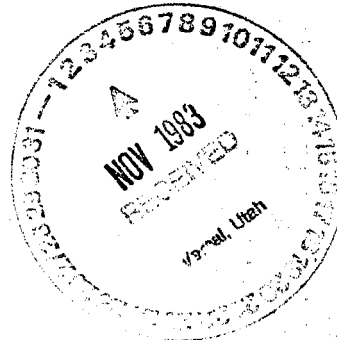
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
(Optional)	13 3/8"	Conductor	40'	To surface
12 1/4"	8 5/8"	24#	500'	To surface
7 7/8"	4 1/2"	10.5#	T.D.	To surface

Attachments:

Exhibit "A" - Ten Point Compliance Program
Exhibit "B" - B.O.P. Schematic
Exhibit "C" - Proposed Production Layout
Certified Survey Plat
13 Point Surface Use Plan and Maps



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Gary Roberts

TITLE

Field Services Admin.

DATE

11-1-83

(This space for Federal or State office use)

PERMIT NO.

Don Alford

APPROVAL DATE

ASSOCIATE

DISTRICT MANAGER

TITLE

DATE

04-13-84

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL-4-A
DATED 11/63

BLM

State Oil, Gas & Mining

BELL SURVEYING COMPANY

DATE: October 31, 1983

LAND SURVEYORS

NUMBER:

17818AG

ORDERED BY: Coseka Resources (U.S.A.) Ltd.
2512 E-1/4 Road
P. O. Box 399
Grand Junction, CO 81502



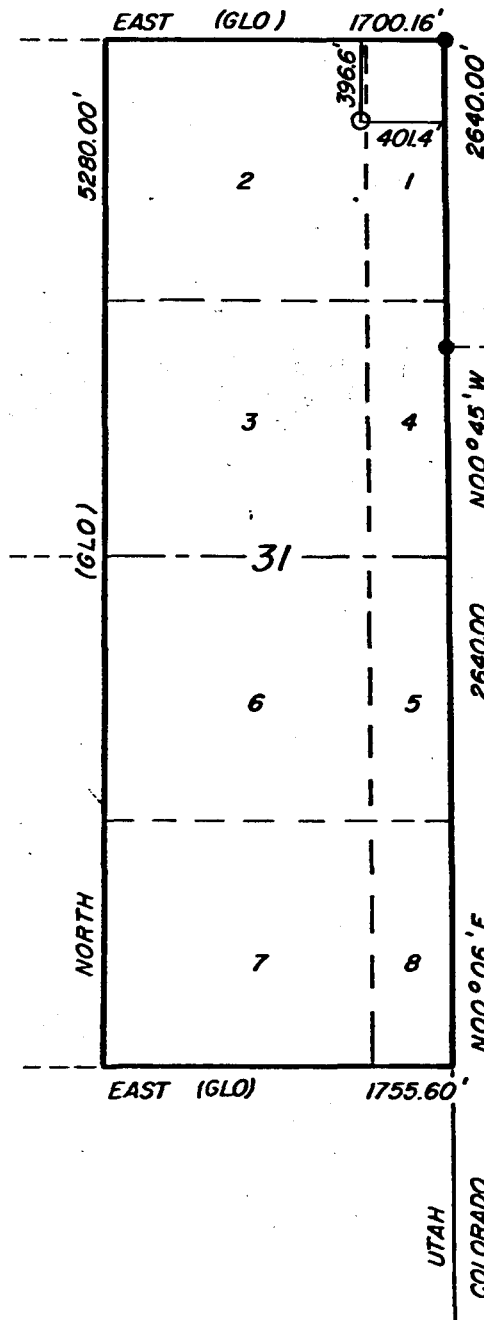
DESCRIPTION: SEC. 31 TWP. 13S RG. 26E CO. UNITAH STATE UTAH

T.13S., R.26E



0' 200' 500' 1000'
SCALE: 1" = 1000'

● FOUND G.L.O. BRASS CAP

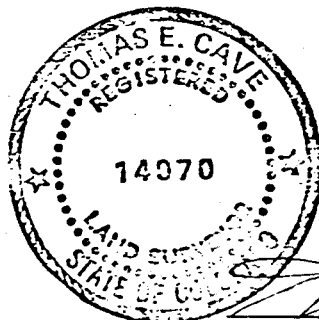


**No. 13-31 COSEKA
DRILLING SITE
ELEV. G.S. 7132.7
(UNGRADED)**

STATE OF COLORADO
County of Rio Blanco ss.

I, T. E. Cave, of Grand Junction, Colorado, hereby certify that this map was made from notes taken during an actual survey made by me, on October 27, 1983, and that it shows correctly the location of the drilling site for No. 13-31. Coseka located in Government Lot 2 of Section 31, T.13S., R.26E., Salt Lake Base and meridian, as staked on the ground during said survey.

NOTE: Elevations established by trigonometric methods from located section corners and U.S.G.S. "Davis Canyon, Utah-Colo." topographic map.



SURVEYOR

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Coseka Resources Well No. 13-31-13-26
Location Sec. 31 T 13S R 26E Lease No. U-11157
Onsite Inspection Date November 2, 1983

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

2. Coring, Logging and Testing Program:

Adequate and sufficient down hole geophysical (electric/radioactive) logs will be run to locate and identify coal beds in the Mesaverde formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Casing and cementing programs may also require adjustment for protection of fresh water aquifers.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602, and a copy forwarded to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than the first business day following the date on which the well is placed on production.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

(The following stipulations apply to the Surface Use Plan)

4. Planned Access Roads:

The right-of-way shall be:

- a. Width: 30 feet in width, however, 50 feet shall be permitted during construction.
- b. Maximum grades: 10 percent.
- c. Turnouts: None planned.
- d. Other: One cattle guard will probably be needed where the road crosses a private landowners fence.

All travel will be confined to existing access road rights-of-way.

5. Location of Tank Batteries and Production Facilities:

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely to prevent undesirable vibrations on the meter downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

Construction material will be located on lease.

6. Methods of Handling Waste Disposal:

The reserve pit will not be lined.

Produced waste water will be confined to this unlined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

7. Ancillary Facilities:

Camp facilities will not be required.

8. Well Site Layout:

Refer to the APD layout diagram for a description of the well site layout.

The stockpiled topsoil will be stored near stake #1 with respect to the layout diagram. The top 6-8" of topsoil will be stockpiled.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

9. Plans for Restoration of Surface:

Immediately upon completion of drilling and testing of the well, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

Portions of the pad and reserve pits not required for production facilities will be rehabilitated as indicated in the APD.

The BLM will be contacted at least 24 hours prior to any other rehabilitation activities. The operator may be informed of any additional needed seeding requirements.

If the well is to be abandoned then:

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The operator will contact the Bookcliffs Resource Area Manager for a recommended seeding mixture prior to reseeding.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future drilling operations.

This well is in a portion of the lease U-11157 which comes under the special winter operations restrictions stipulation. In order to minimize watershed damage, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation must be specifically authorized in writing by the Resource Area Manager, Bookcliffs Resource Area, Bureau of Land Management.

Form 9-593
(April 1952)**RECEIVED**

UNITED STATES
DEPARTMENT OF THE INTERIOR
APR 26 1984
GEOLOGICAL SURVEY
CONSERVATION DIVISION
DIVISION OF OIL
GAS & MINING
INDIVIDUAL WELL RECORD

Sec. 31
T. 13S
R. 26E
SLB & Mer.

PUBLIC LAND:

Date April 13, 1984

Ref. No. _____

Land office Utah State UtahSerial No. U-11157 County Uintah

Nat. Gas Corp of CA, --Mono Power

Lessee CNR Resources, Coseka Resources Field wildcatOperator Coseka Resources (USA) Ltd. District VernalWell No. 13-31-13-26 Subdivision Lot 2Location 396.6' FNL, 401.4' FELDrilling approved April 13, 1984 Well elevation 7,132.7' Ungr. _____ feet

Drilling commenced _____, 19____ Total depth _____ feet

Drilling ceased _____, 19____ Initial production _____

Completed for production _____, 19____ Gravity A. P. I. _____

Abandonment approved _____, 19____ Initial R. P. _____

Geologic Formations**Productive Horizons**

Surface

Lowest tested

Name

Depths

Contents

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.

REMARKS _____

State Oil, Gas & Mining



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 18, 1985

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Gentlemen:

Re: Well No. I3-31-I3-26 - Sec. 31, T. 13S., R. 26E.,
Uintah County, Utah - API #43-047-31465

The above referenced well in your district was given federal approval to drill April 13, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

Pam Kenna

Pam Kenna
Well Records Specialist

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/40

**Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078**

RECEIVED

JUL 22 1985

**DIVISION OF OIL
GAS & MINING**

3162.35
U-820
U-11157

July 16, 1985

Coseka Resources U.S.A. Ltd.
244 N. 7th Street, Suite 202-A
Grand Junction, CO 81501

RE: Rescind Application for Permit to Drill
Well No. Federal 13-31-13-26
Section 31, T13S, R26E
Uintah County, Utah
Lease No. U-11157

The Application for Permit to Drill the referenced well was approved on April 13, 1984. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Craig H. Hansen
ADM for Minerals

bcc: State Div. O G & M
well file



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 6, 1985

Coseka Resources U.S.A. Ltd.
244 North Seventh Street #202-A
Grand Junction, Colorado 81501

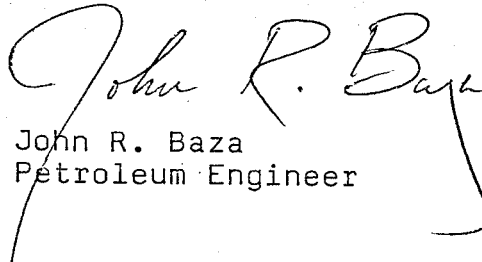
Gentlemen:

Re: Well No. Federal 13-31-13-26 - Sec. 31, T. 13S., R. 26E.,
Uintah County, Utah - API #43-047-31465

In concert with action taken by the Bureau of Land Management, July 16, 1985, approval to drill the above referenced well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,



John R. Baza
Petroleum Engineer

pk
cc: Dianne R. Nielson
Ronald J. Firth
File

0170S/16